

April 18, 2003

Tillman, Michael  
2712 Guerneville Road  
Santa Rosa, CA 95401  
Case No. INS0408

*Notice of Proposed No Further Action* related to petroleum discharges.  
Comment Period ends May 18, 2003.

The Tillman, Michael site is the location of an operating automobile repair shop. In December 1990, during an inspection by Sonoma County Environmental Health Department, a release of petroleum constituents was discovered near a septic tank system at the site. In March 1991, Sonoma county Environmental Health Department also reported the prior unauthorized removal of a fuel underground fuel storage tank at the site.

In May 1997, the 1200-gallon septic tank was removed and approximately 4 cubic yards of contaminated soil were excavated and disposed of at a landfill. Confirmation soil and excavation-pit water samples showed low levels of petroleum constituents and chlorinated solvents.

In June 1999, soil and groundwater samples were obtained from the former septic tank location, from the former septic tank leach-field, from the on-site domestic well, and from the former location of an underground fuel storage tank. Samples were tested for petroleum hydrocarbons, volatile organic compounds, fuel oxygenates, cadmium, chromium, lead, nickel, and zinc. The analytical results showed low levels of petroleum constituents and chlorinated solvents in groundwater sampled in the former leach-field area. No constituents of concern were detected in a groundwater sample collected at the location of the former fuel UST.

In May and June 2001, three groundwater monitoring wells were installed in the former septic tank leach-field. Quarterly groundwater monitoring was conducted from June 2001 through March 2002. Analytical results from four quarterly groundwater sampling events indicate that water quality objectives have been achieved for all constituents of concern.

One domestic water supply well is located at the site, approximately 200 feet northeast from the release area. Sixteen water supply wells have been identified within 1000 feet from the site. Laboratory analysis of water from the on-site water supply well shows no impacts from the releases at the site. Based on the distribution of current and past groundwater contaminant concentrations and the distance of water supply wells from the site, water supply wells are not likely to be impacted or threatened by the releases at this site.

The nearest surface water body is an unnamed tributary of Santa Rosa Creek, approximately 480 feet up-slope in a northwesterly direction. A drainage swale leading to the unnamed tributary lies approximately 750 feet down-slope in a southwesterly direction. Santa Rosa Creek is located approximately one-half mile south of the site. Surface water bodies are not likely to have been impacted by the releases at this site.

The level of contaminants in groundwater at this site suggests that very little, if any, non-aqueous phase petroleum or solvents were released at this site. Progressively declining contaminant

levels support the assessment that impacts from releases at the site are low level and were limited to the shallow aquifer in the immediate vicinity of the septic tank.

The sources of the hazardous materials released at this site have been removed, including the septic tank, the underground storage tank, and contaminated soil. Hazardous materials management practices at the site have been corrected to prevent future releases to soil and/or groundwater.

Groundwater contamination levels for all constituents of concern have declined to levels within water quality objectives. The nearest water supply well shows no impacts by releases at the site, and impacts to other nearby water supply wells are not likely.

All documents and file information related to this site investigation are available for review until May 18, 2003. Please contact Jim Tischler of the Regional Water Board staff (tiscj@rb1.swrcb.ca.gov) at (707) 576-2469 with any questions.

**Unless additional comments are received with significant new information, the Regional Water Board staff plans to concur with no further action upon close of the comment period.**